

| UV Spectrum Data for Desferrioxamine | |
|--------------------------------------|------------|
| Wavelength (nm) | Absorbance |
| 190 | 0.184 |
| 200 | 0.244 |
| 204 | 0.306 |
| 208 | 0.283 |
| 220 | 0.127 |
| 230 | 0.040 |
| 240 | 0.007 |
| 245 | 0.002 |

Figure 1

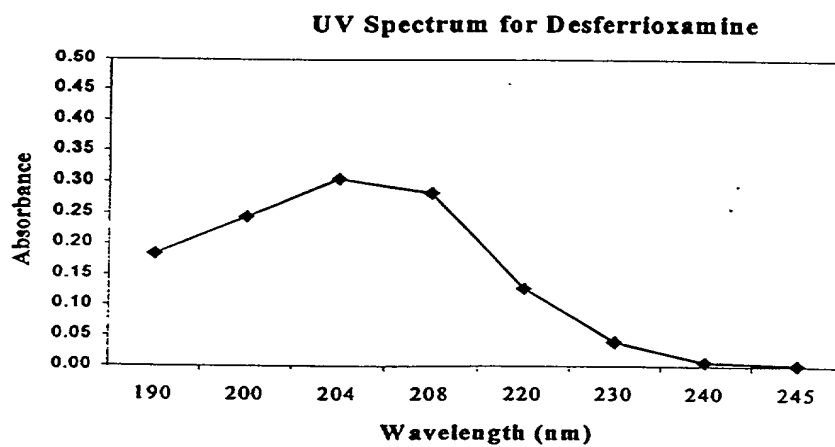


Figure 2

**Calibration Curve for
Desferrioxamine in Methanol**

| Working solution in 10ml | Concentration in mg/ml | Absor- bance @ 204nm |
|--------------------------------|------------------------|-------------------------------|
| 0.010mg | 0.0010 | 0.020 |
| 0.025mg | 0.0025 | 0.092 |
| 0.050mg | 0.0050 | 0.182 |
| 0.075mg | 0.0075 | 0.239 |
| 0.100mg | 0.0100 | 0.318 |
| 0.150mg | 0.0150 | 0.536 |
| 0.200mg | 0.0200 | 0.704 |

Figure 3

**Calibration curve for
Desferrioxamine in Methanol**

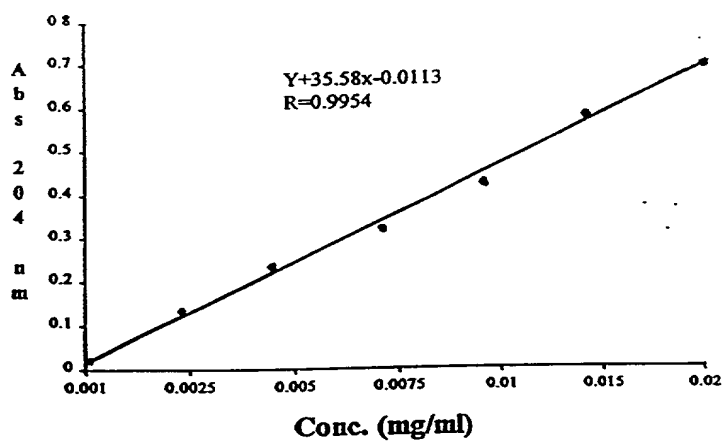


Figure 4

Blood Chemistry Values Before and After Liposome Infusion (with and without Desferrioxamine) were not significantly different.

| | Before | 24 Hours After | 5 Days After Infusion |
|-----------------------------|--------------|----------------|-----------------------|
| SGOT | 100 \pm 10 | 102 \pm 10 | 100 \pm 10 |
| SGPT | 36 \pm 2 | 36 \pm 2 | 37 \pm 2 |
| *AP | | 97 \pm 1 | 97 \pm 0.4 |
| BUN | 17 \pm 0.4 | 17 \pm 1 | 18 \pm 2 |
| Iron (blood) | 205 \pm 7 | 203 \pm 3 | 205 \pm 5 |
| Total CK | 2 \pm 0 | 0 \pm 0 | 0 \pm 0 |
| * AP = alkaline phosphatase | | | |

Reported values before injection and after injection of Desferrioxamine-encapsulated liposomes.

Figure 5

¹¹¹In Desferrioxamine Biodistribution in Rats

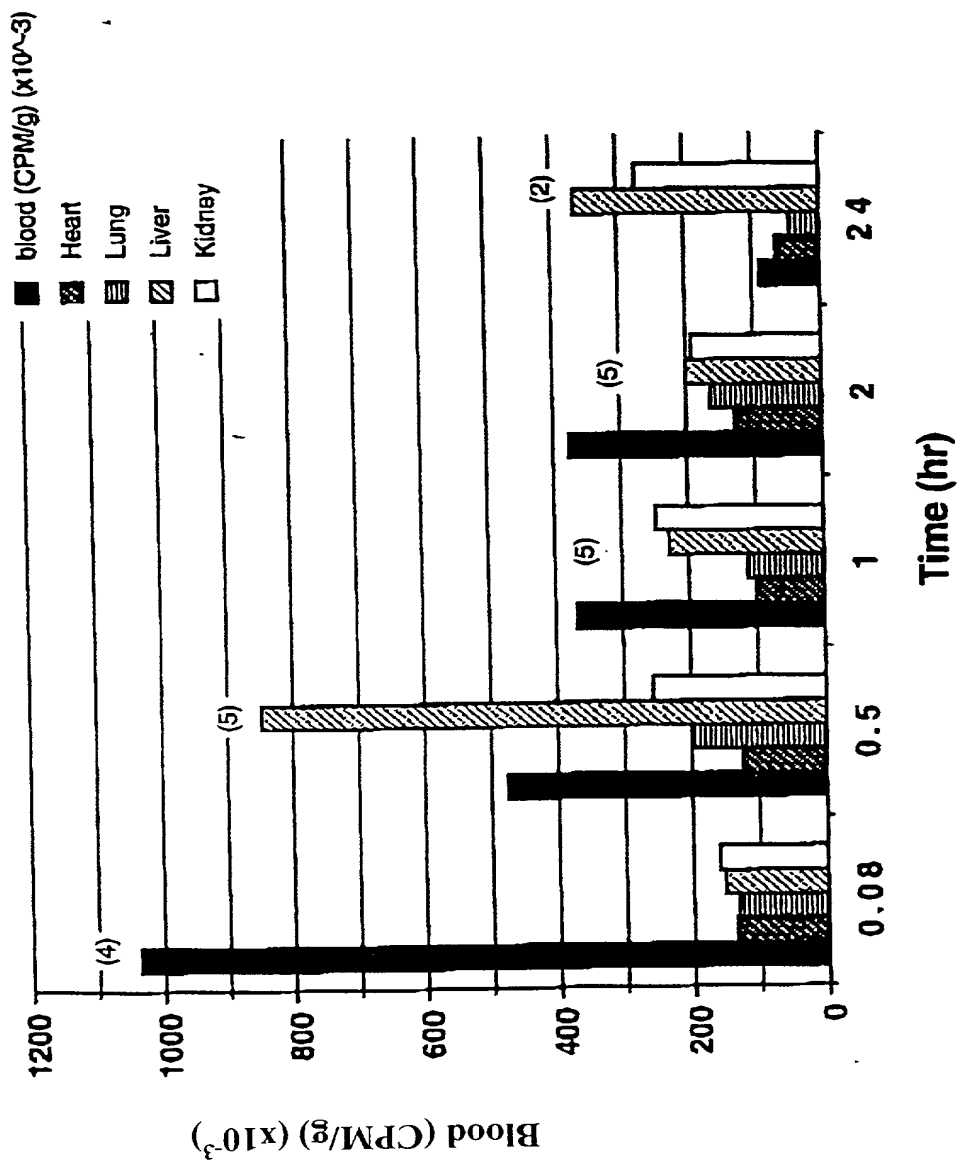


Figure 6

¹¹¹In Desferrioxamine Biodistribution in Rats

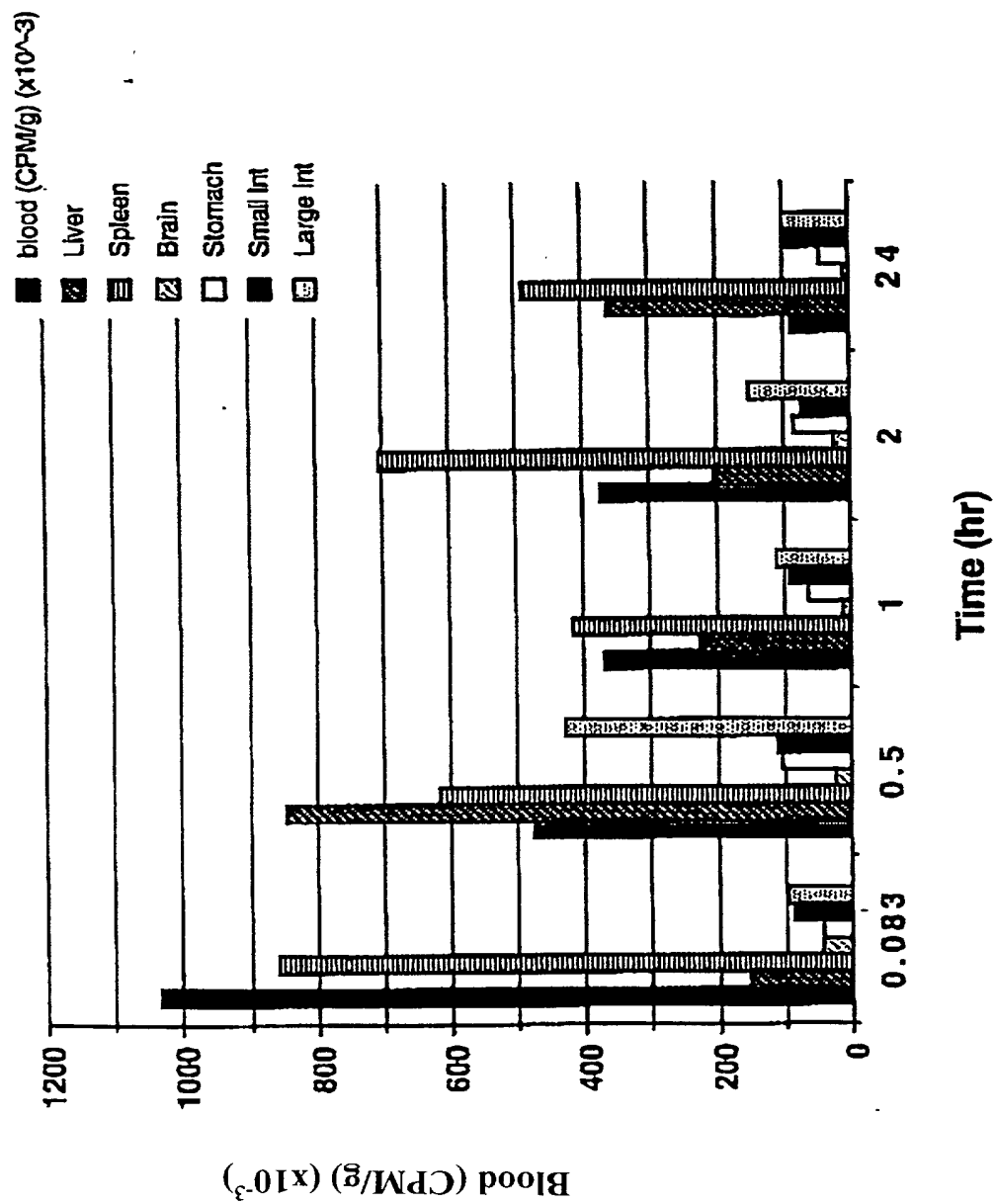


Figure 7

¹¹¹In Desferrioxamine Biodistribution in Rats

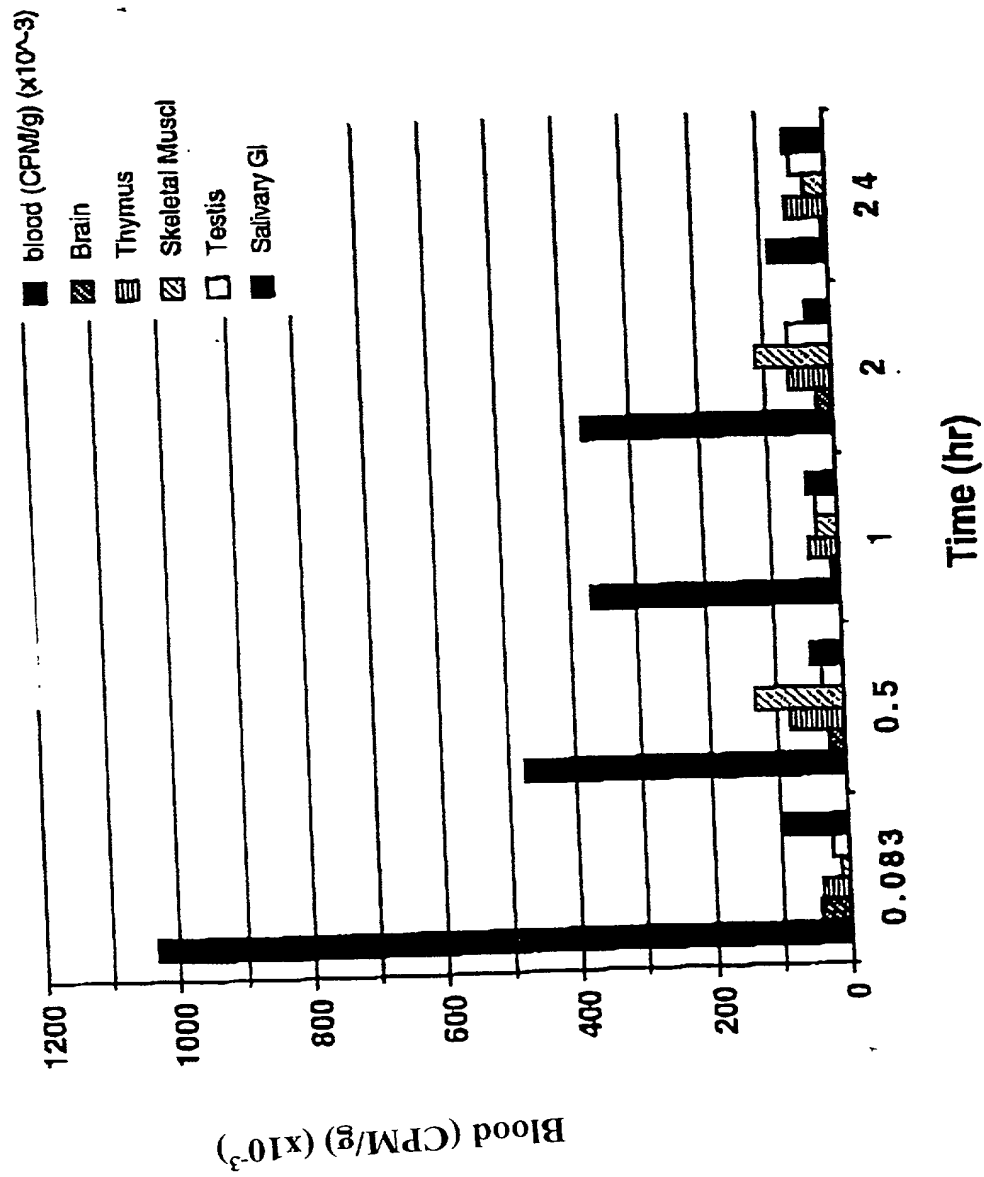


Figure 8

¹¹¹In Desferrioxamine Biodistribution in Rats

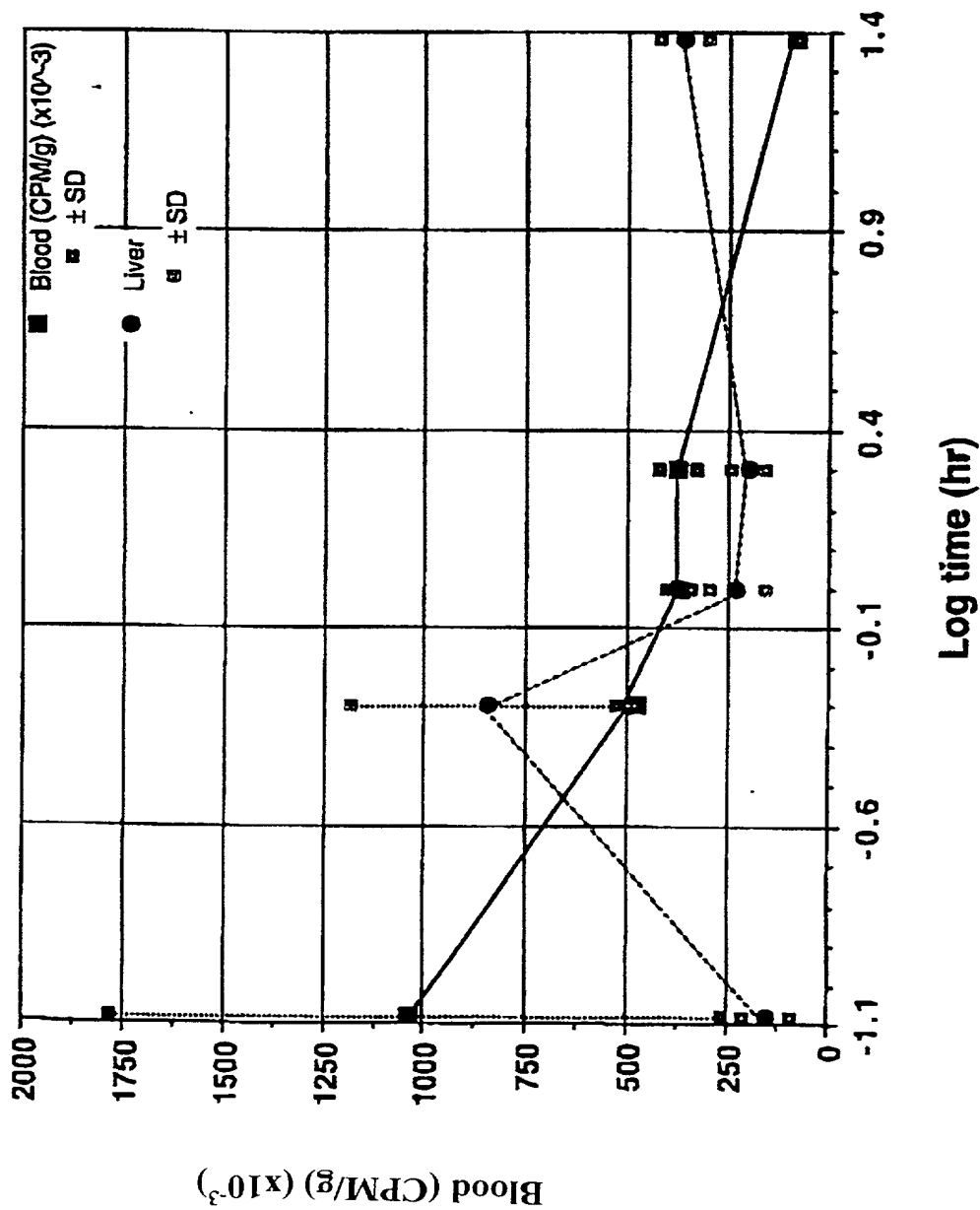


Figure 9

¹¹¹In Desferrioxamine Biodistribution in Rats

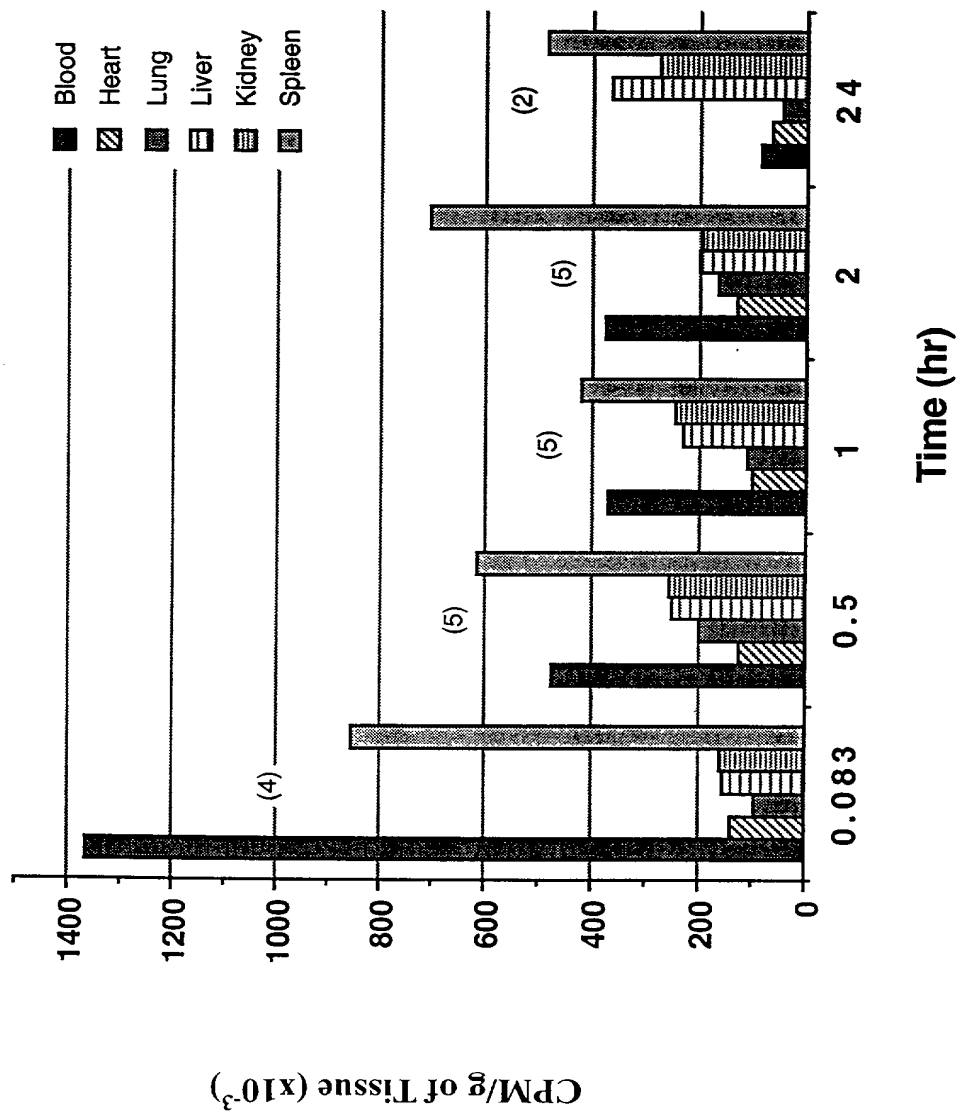


Figure 10

¹¹¹In Desferrioxamine Biodistribution in Rats

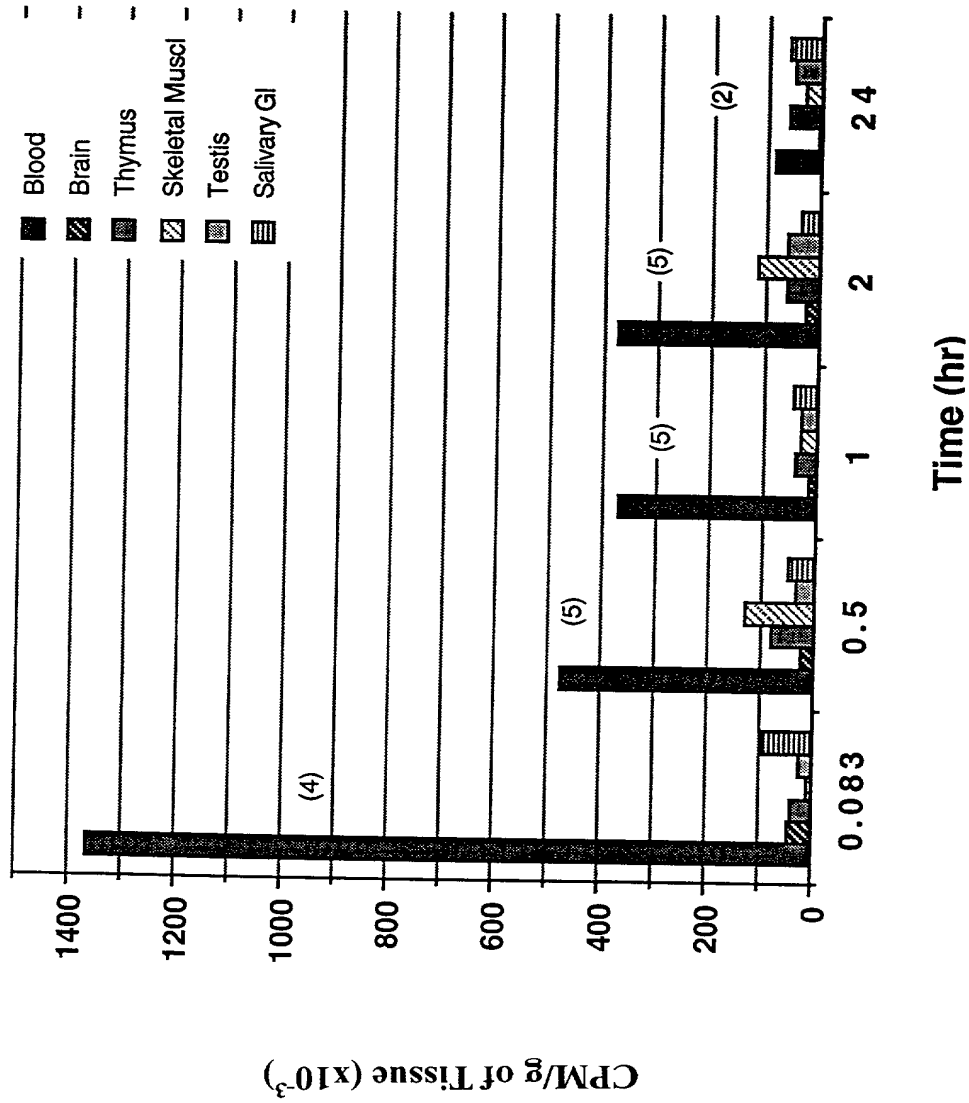


Figure 11

¹¹¹In Desferrioxamine Biodistribution in Rats

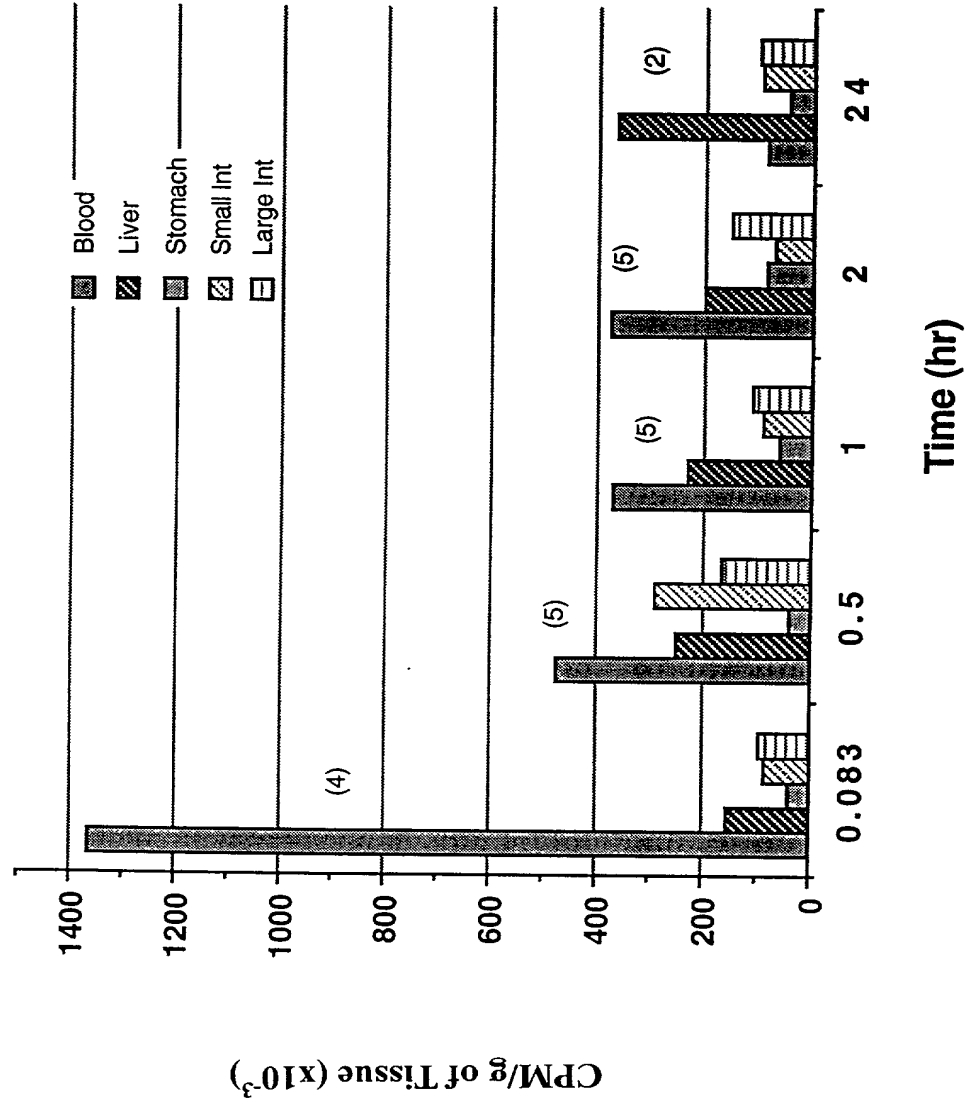


Figure 12

¹¹¹In Desferrioxamine Biodistribution in Rats

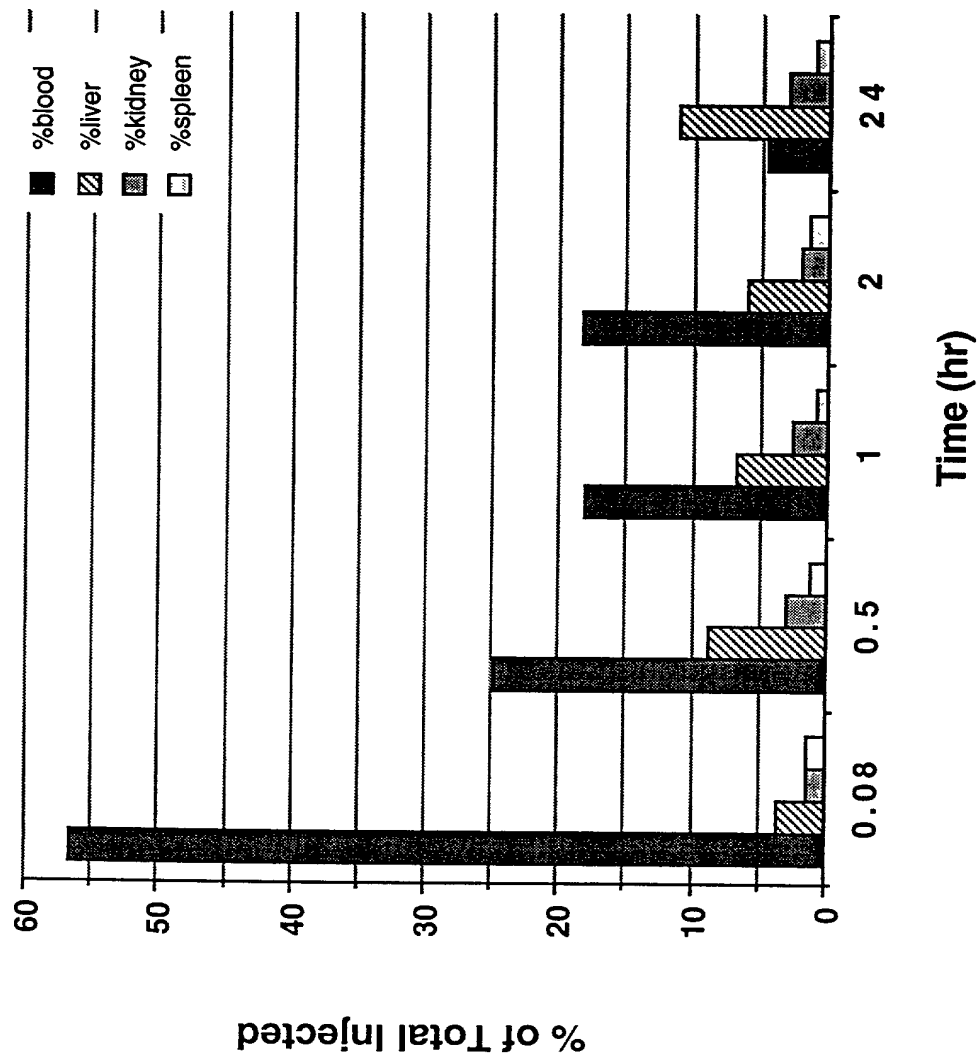


Figure 13

¹¹¹In Desferrioxamine Biodistribution in Rats

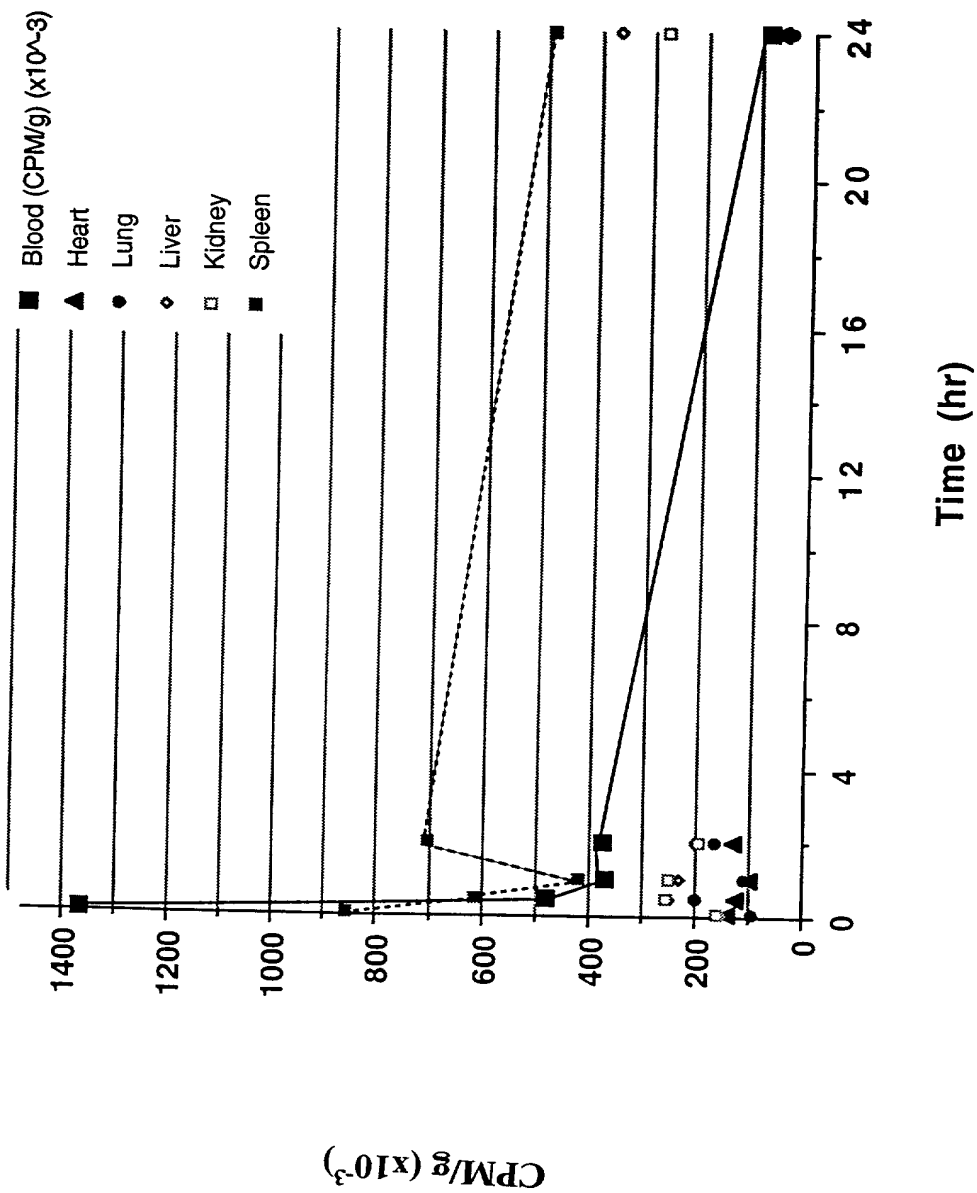


Figure 14

¹¹¹In Desferrioxamine Biodistribution in Rats

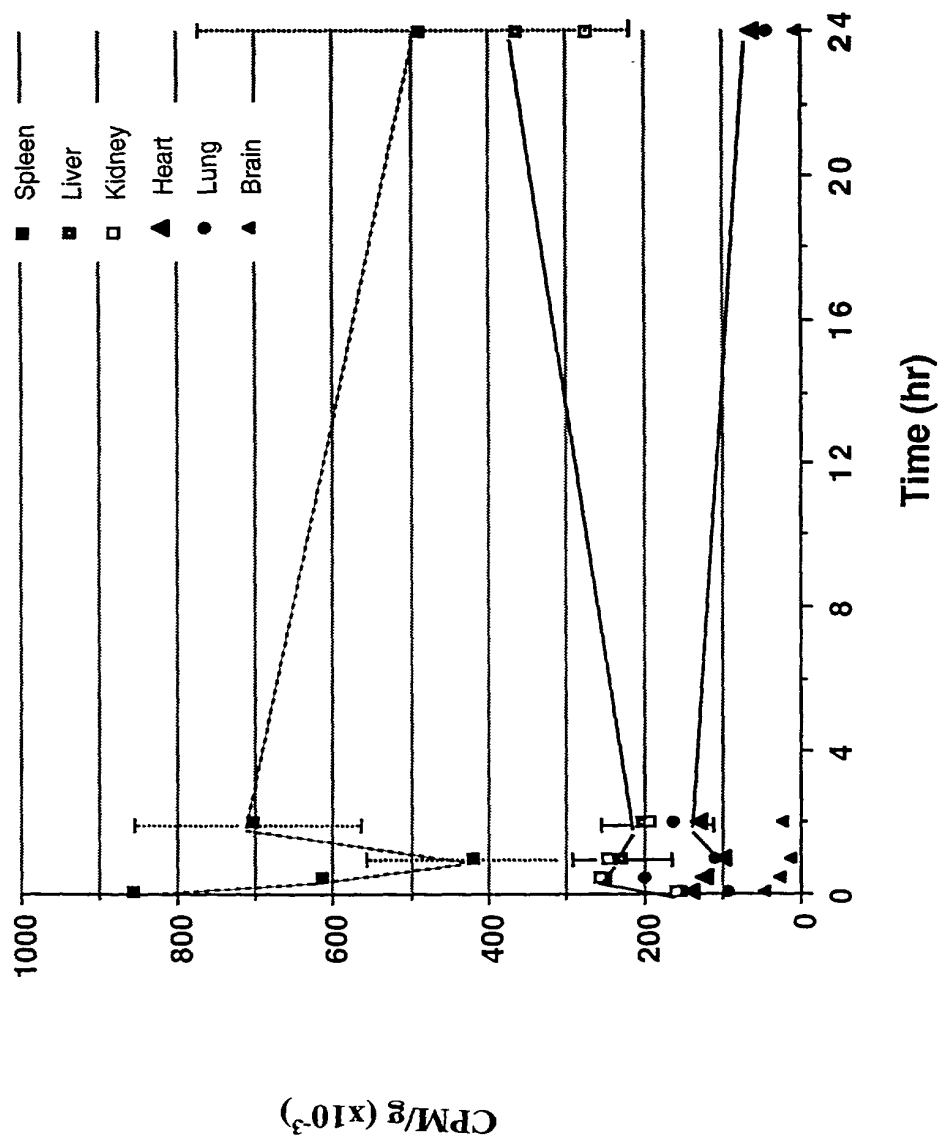


Figure 15

¹¹¹In Desferrioxamine Biodistribution in Rats

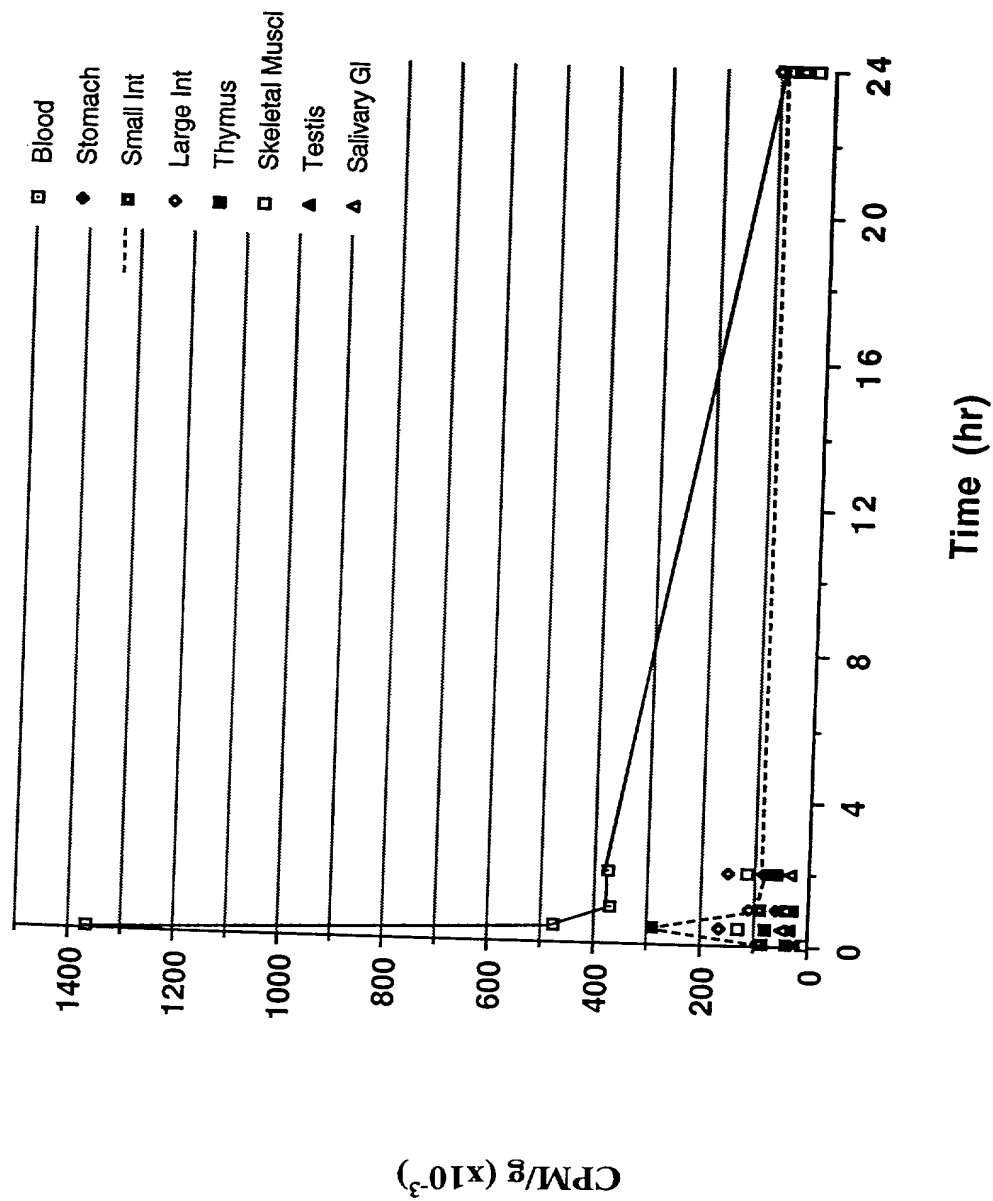


Figure 16

¹¹¹In Desferrioxamine Biodistribution in Rats

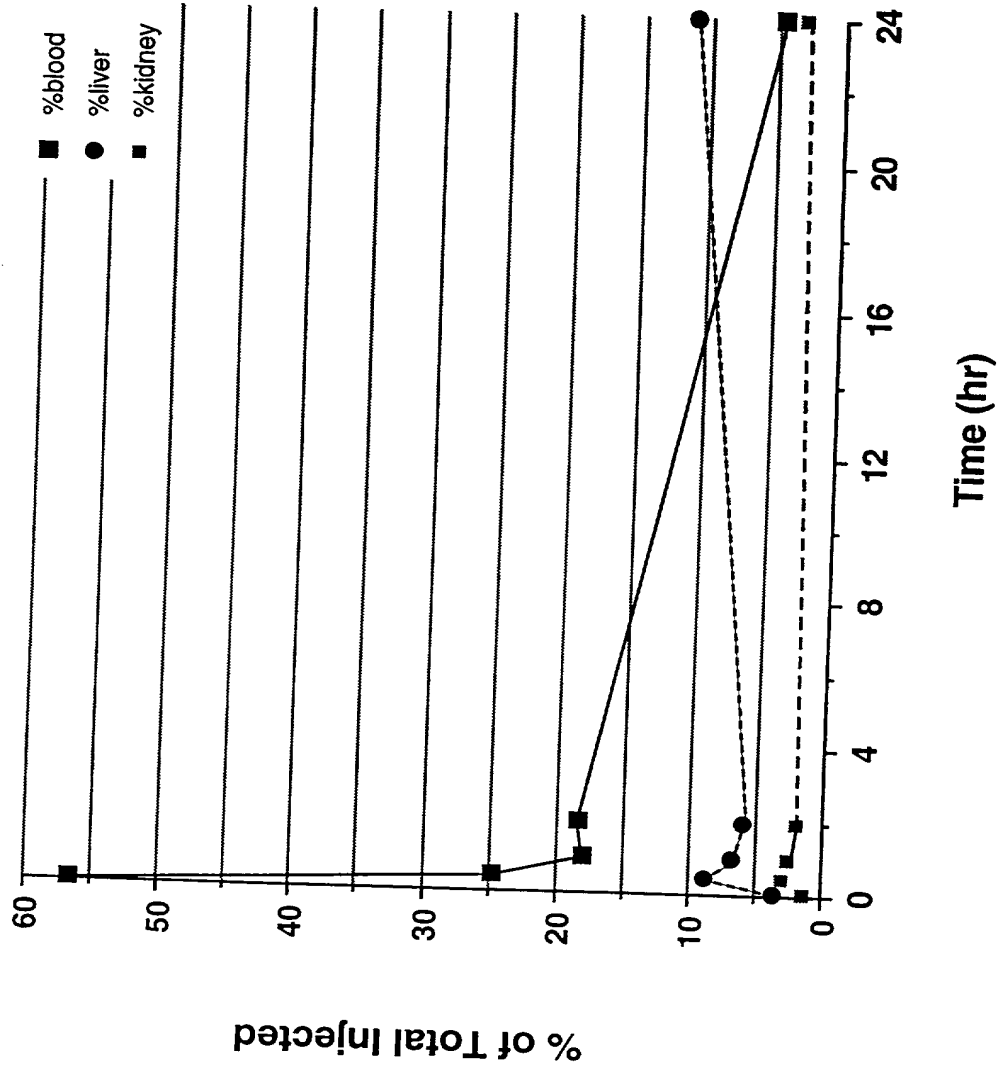


Figure 17

¹¹¹In Desferrioxamine Biodistribution in Rats

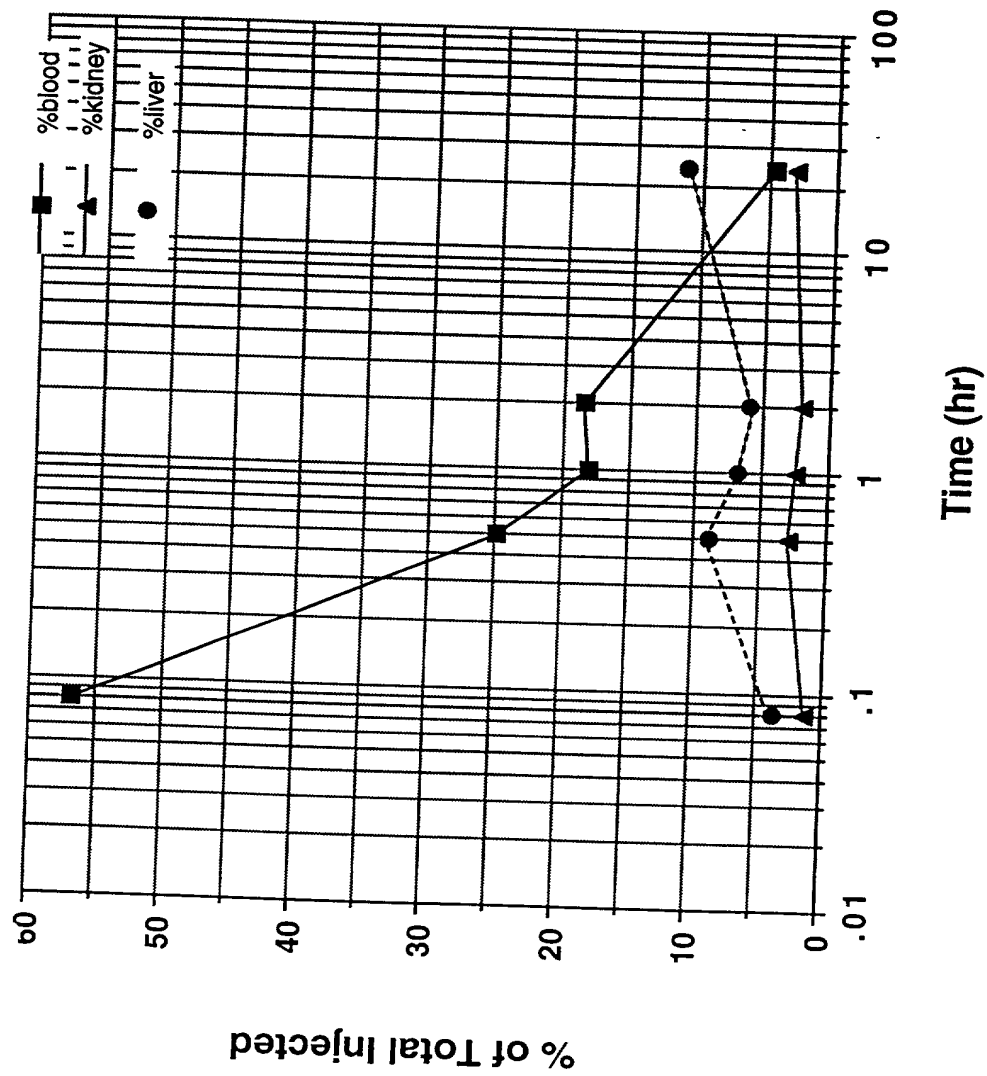


Figure 18